

FIG. 1 DESIGNING OF OVERLAPPING OLIGOS FOR SYNTHESIS OF ARTIFICIAL PROMOTER

1 GTCGACCATCATTGAAAGGGCTCGTAATACCATTGTGGAAAAAGTTG CAGCTGGTAGTAAACTTCCCGAGCCATTATGGTAACACACCTTTCAAC → ←  
51 GTAATACGGAAAAAGAAGATTCATCATCCAGAAAAGGTGTGGAAAAGTTG CATTATGCCTTTCTTCTAAGTAGTAGGTCTTCCACACCTTTCAAC ← →  
101 TGGATTGCGTGGAAAAAGTTCGATCTGACCATCTCTAGATCGTGGAAAAA ACCTAACGCACCTTTCAAGCTAGACTGGTAGAGATCTAGCACCTTTT ← →  
151 GTTCACGTAAGCGCTTACGTACATATGTGGATTGTGGAAAAAGAACGG CAAGTGCATTGCGGAATGCATGTATAACACCTTTCTTCTGCC ← →  
201 AGGCATCGGTGGAAAAAGAAGCTTGTACGCTGTACGCTGACGATAGATAG TCCGTAGCCACCTTTCTCGAACATGCGACATGCGACTGCTATCTATC ← →  
251 ATACACGTGCACCGTCCACTTGACGCACAATTGACGCACAAATGACGCCA TATGTGCACGTGCGCAGGTGAAC TGCGTGTAACTGCGTGTACTGCGGT ← →  
301 CTTGACGCTACTTCACTATATATAGGAAGTTCAATTTCATTTGGATTGGAC GAACTGCGATGAAGTGATATATATCCTTCAAGTAAAGTAAACCTAACCTG ← →  
351 ACGTGTGTCATTCTCAACAATTACCAACAAACAACAAACAACAAAC TGCACAAACAGTAAAGAGTTGTTAAC TGCGTGTGTTGTTGTTGTTG ← →  
401 ATTATACAATTACTATTACAATTACATCTAGAT TAATATGTTAACGATGTTAAC TGATCTA ← →

FIG. 2 RESTRICTION ENZYME SITES IN ARTIFICIAL SYNTHETIC PROMOTER

FIG: 3 PRIMER FOR INTRODUCTION OF ATG  
CONTEXT IN ARTIFICIAL SYNTHETIC PROMOTER

SEQ ID NO.17

5'AATTACATCTAGATAAACAAATGGCTTCCTCCGTAGAAA  
CCCCAACCCGTGAAATCAAA 3'